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23 August 2007

Paul Nikolich  
18 Bishops Lane  
Lynnfield, MA 01940  
p.nikolich@ieee.org

Re: P802.11z - Standard for Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan Area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment: Extensions to Direct Link Setup(DLS)

Dear Paul:

I am pleased to inform you that on 22 August 2007 the IEEE-SA Standards Board approved the above referenced project until 31 December 2011. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-11z.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 20 November 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
Phone +1 732 562 6003  
FAX +1 732 875 0695  
Email: s.hampton@ieee.org

CC: stuart@ok-brit.com BCC: s.hampton@ieee.org, t.t.lee@ieee.org

<b>PAR Request Date:</b> 11 April 2007	
<b>PAR Approval Date:</b> 22 August 2007	
<b>PAR Signature Page on File:</b> Yes	
<b>Type of PAR:</b> Amendment to IEEE Standard	
<b>Status:</b> Amendment to an Existing IEEE Std 802.11-1999	
<b>Root Project:</b>	
<b>1.1 Project No.:</b> <b>802.11z</b>	
<b>1.2 Type of Document:</b> Standard	
<b>1.3 Life Cycle:</b> Full-Use	
<b>1.4 Is this document in ballot now?</b> No	
<b>2.1 Title</b> Standard for Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan Area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment: Extensions to Direct Link Setup(DLS)	
<b>3.1 Working Group Name</b>	<a href="#">Wireless LAN Working Group</a>
<b>Working Group Chair</b>	<a href="#">Kerry, Stuart J</a> Phone: 408-348-3171 Email: stuart@ok-brit.com
<b>Working Group Vice Chair</b>	
<b>3.2 Sponsor</b>	<a href="#">IEEE Computer Society Local and Metropolitan Area Networks (C/LM)</a>
<b>Sponsor Chair</b>	<a href="#">Nikolich, Paul</a> Phone: 857-205-0050 Email: p.nikolich@ieee.org
<b>Name of Standards Liaison Representative (if applicable)</b>	
<b>3.3 Joint Sponsor</b>	
<b>4.1 Type of Ballot:</b> Individual	
<b>4.2 Expected Date of Submission for Initial Sponsor Ballot:</b> June 2008	
<b>4.3 Projected Completion Date for Submittal to RevCom:</b> June 2009	
<b>5.1 Approximate number of people expected to work on this project:</b> 50	
<b>5.2 Scope:</b> This amendment defines a new Direct Link Setup (DLS) mechanism to allow operation with non-DLS capable access points and allow stations with an active DLS session to enter power save mode. The scope is specifically limited to modifications related to the DLS mechanism.	
<b>5.3 Is the completion of this document contingent upon the completion of another document?</b> No	
<b>5.4 Purpose:</b> This amendment defines a new DLS mechanism which: a) Does not require access point upgrades (i.e. supports DLS operation with the non-DLS capable access points), b) Which supports power save mode (when associated with either DLS or non-DLS capable access points), and c) Continues to allow operation of DLS in the presence of existing DLS capable access points.	

**5.5 Need for the Project:** The lack of DLS capable access points is a key obstacle to the adoption of DLS. Furthermore, the current DLS mechanism does not support power save mode and it is important to find a power save mechanism that does not require access point upgrade. This amendment will create a new DLS mechanism, which will allow much wider adoption of DLS. This will be increasingly important as IEEE 802.11 is applied to new market applications, e.g. video streaming.

**5.6 Stakeholders for the Standard:** Semiconductor manufacturers, network equipment manufacturers, consumer electronics and other product manufacturers and other users of IEEE 802.11 technologies.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitted this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes Presented Date: 2007-01-17**

If no, please explain:

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No**

If yes, please explain:

**6.1.c. Is the Sponsor aware of possible registration activity related to this project? No**

If yes, please explain:

**7.1 Are there other standards or projects with a similar scope? No**

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? No**

**Technical Committee Name and Number:**

**Contact person:**

**Contact person Phone Number:**

**Contact person Email Address:**

**7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No**

**7.4 Additional Explanatory Notes:**

**8.1 Sponsor Information:**

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: